
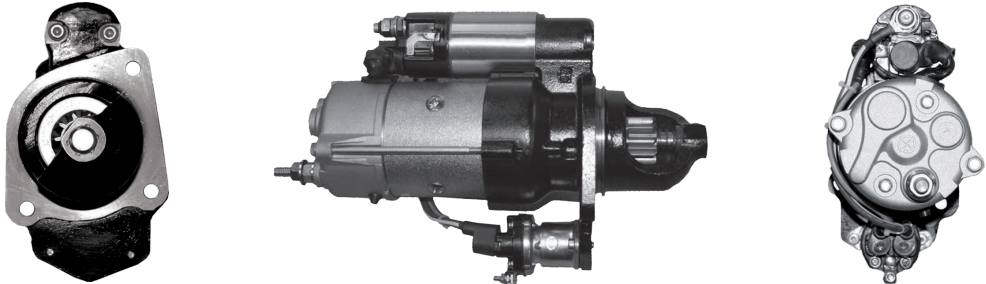


Source:	Prestolite Electric Ltd - Greenford, London, UK
Date:	March 8, 2012
Bulletin No:	TSB4045
Models:	ADL Starter motors
Subject:	35262410 Starter motor replacement

#### Old starter motor

35262410	24v	5.0kW	ER / G	CW	Gear- Reduced	10 (tooth)	40 (Ø)	47.5 (Pinion rest)	64.6 (Full engagement)
									

#### New starter motor

M96R3019SE	24v	5.5kW	ER / G	CW	Gear- Reduced	10 (tooth)	39.7 (Ø)	47.5 (Pinion rest)	64 (Full engagement)
									

The older 35262410 has been superseded by the M96R3019SE.

The new M96R3014SE is of a different design and utilised a conventional nosed design.

The M96R3019SE is fully interchangeable with the 35262410 and all interface features are the same, i.e. mounting, pinion and termination features are the same.

Please note that component parts are not interchangeable between the 35262410 and M96R3019SE.

Some caution is advised when fitting the Battery positive cables when performing a service exchange of an older unit. Due to the heat cycling the cables become rigid and occasionally some force is required to move the cables into position.

Excessive force could damage the isolator bridge on the solenoid.

Please see fitting instructions overleaf.

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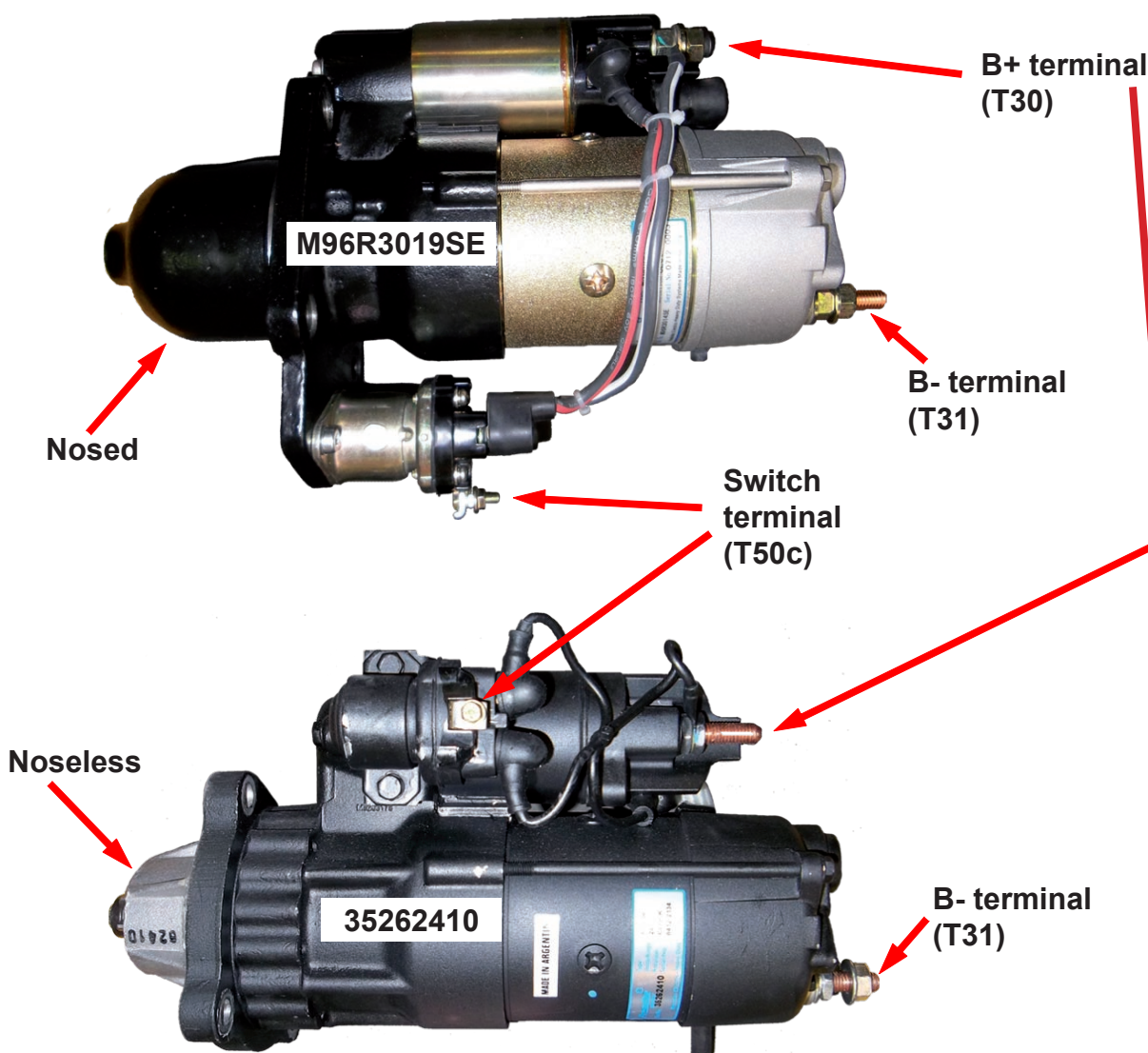
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Please note location B+ (T30) M10 stud, B- (T31) M10 stud and Switch terminal (T50c) M5 stud, and note variances between 35262410 and M96R3019SE.

The new M96R3014SE offers:

- Easier access to the B+ and Switch terminals.
- Increased power.
- Removal and fitting through same space.
- Easier access to the top mounting bolt.



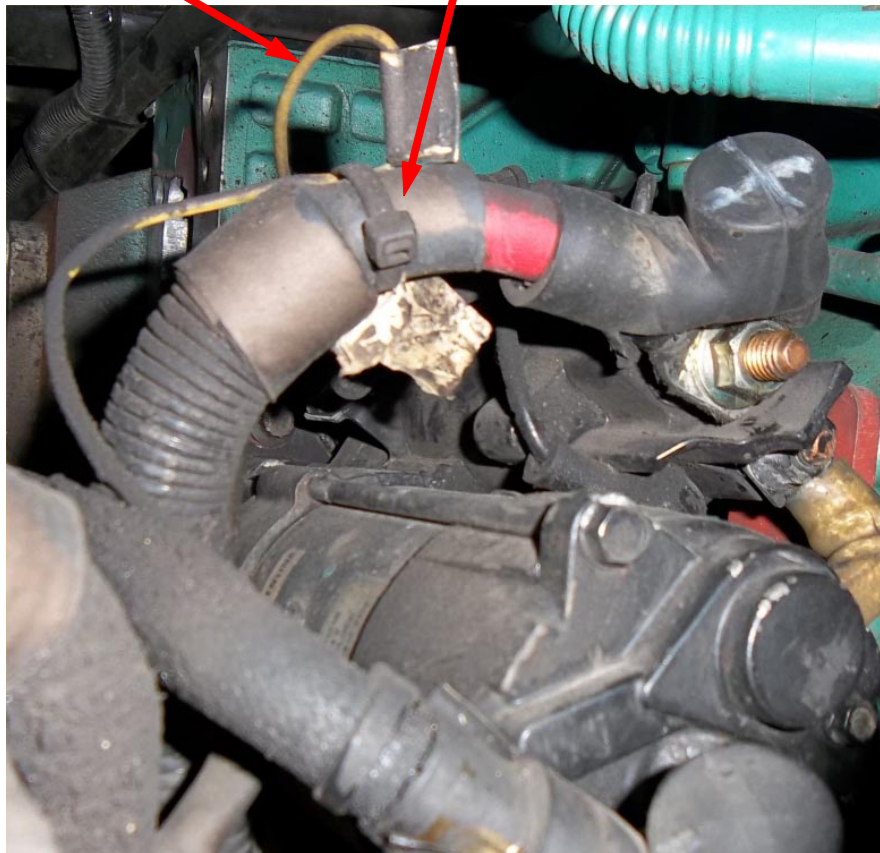
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**Fitting instructions**

1. Cut cable tie on vehicle wiring harness as shown below.

Re-route the small lead (switch connection)



The Switch lead must be re-routed from top to the bottom of the starter, as the new M96R3019SE Switch connection is at the bottom of the starter motor.  
Remove and re-fit a secondary cable tie further along the wiring harness, if required.

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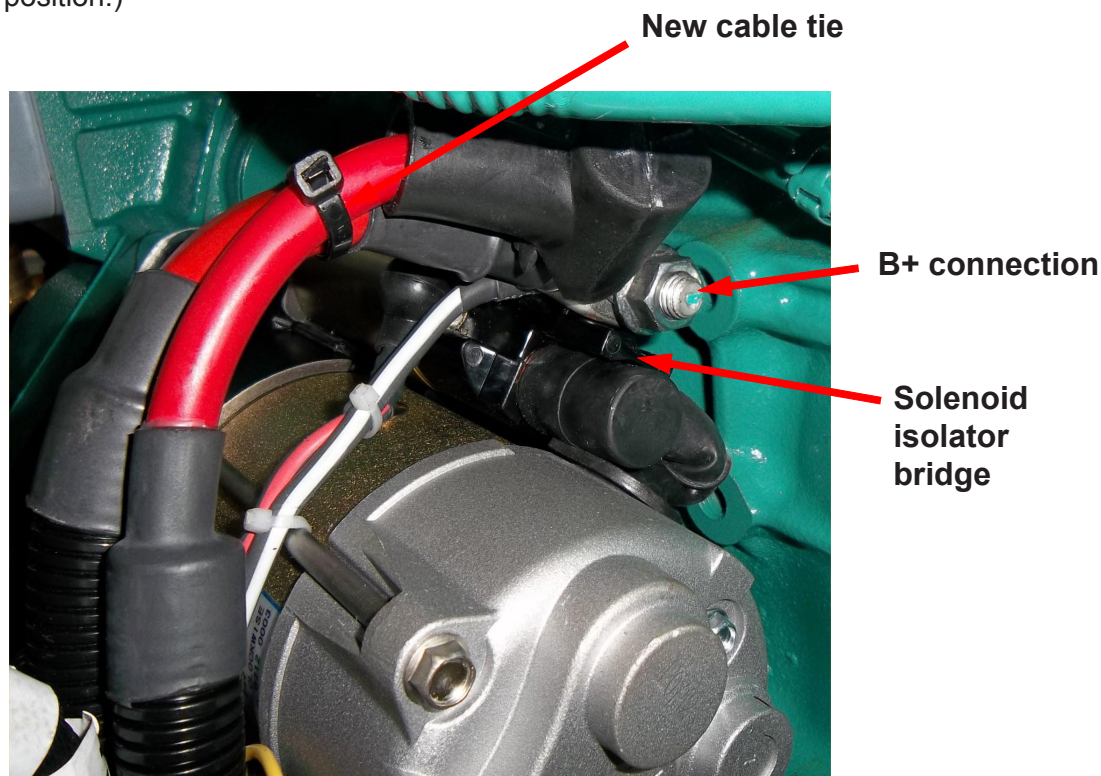
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2. Fit new cable tie as shown below.

Fit battery positive cable to B+ terminal, as shown.

Before tightening the B+ terminal nut, ensure that the cables are not “resting” against the solenoid isolator bridge. (Also do not use the solenoid isolator bridge as leverage to manoeuvre the cable ends into position.)



3. Tighten the nut to 13.5 - 15.8 N.m

Check to ensure a gap between cable terminals and solenoid isolator bridge.

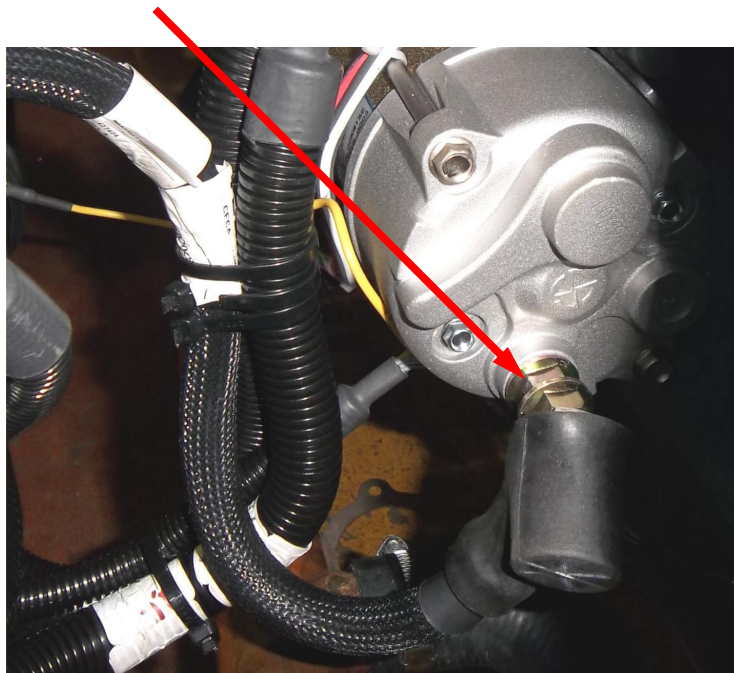
**Check for  
small gap**



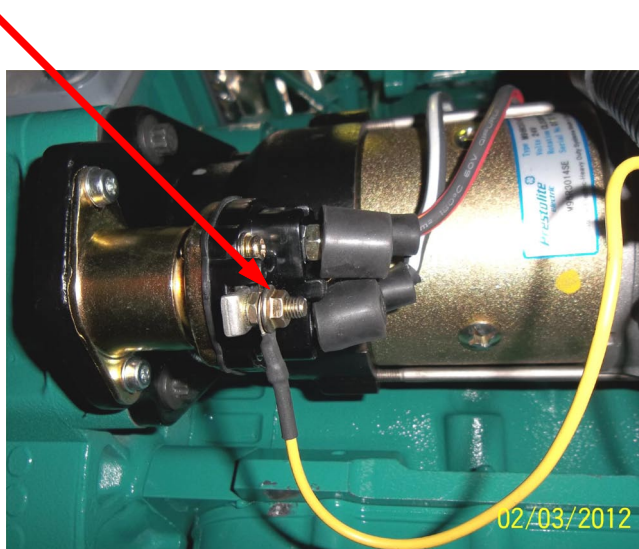
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4. Fit B- (Earth) cable. Tighten to 13.5 - 15.8 N.m



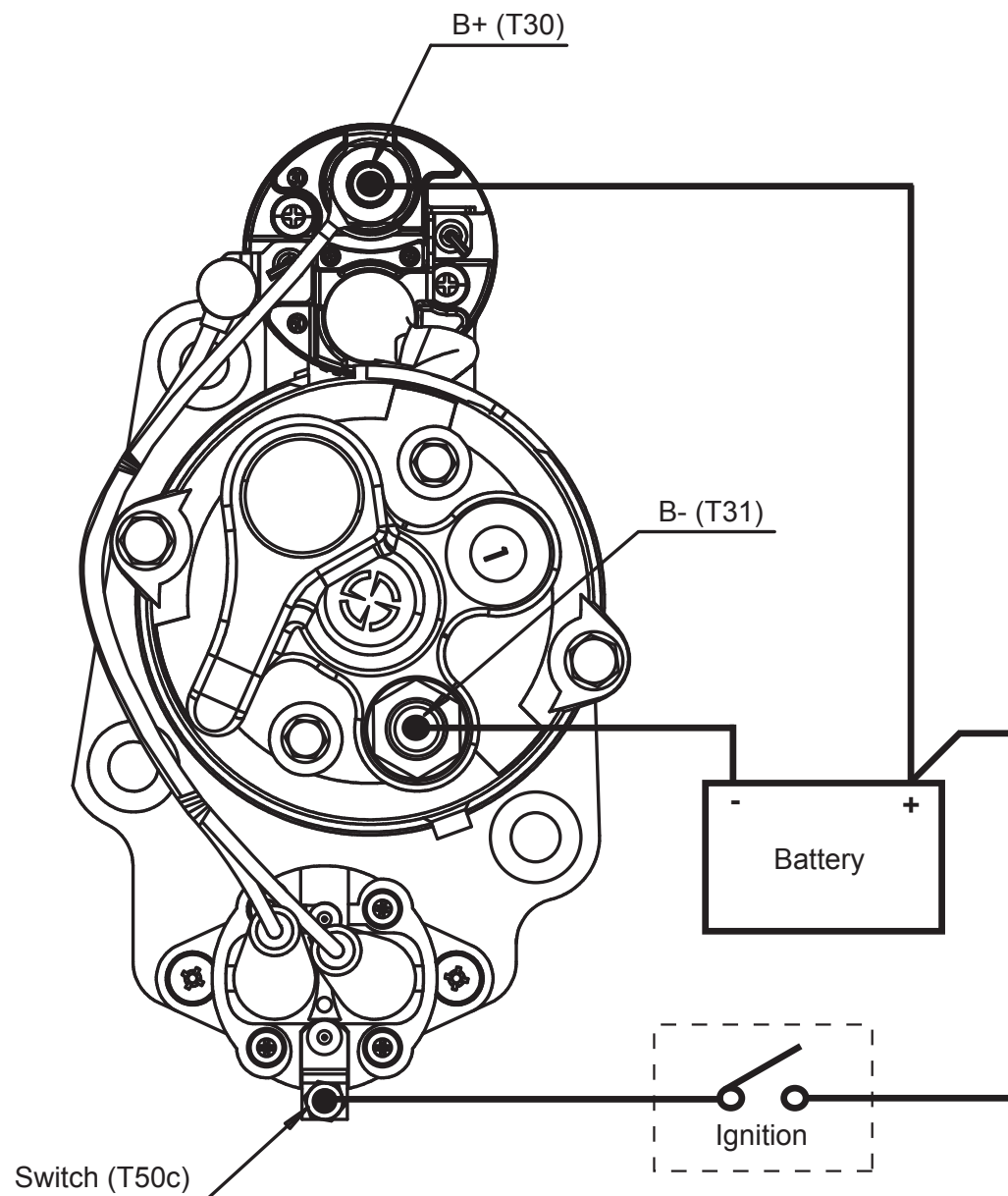
5. Fit Switch terminal (T30c). Tighten to 2 - 2.5 N.m



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**M96R3014SE Wiring diagram**



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